

EXPERIMENTAL FEATURE WORK PLAN

RESEARCH DIVISION, DEVELOPMENT SECTION

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Experimental Feature No.: X(04)06

Submitted By: Barry Sharp

Date: December 7, 2004



UDOT Champions: Barry Sharp, Research, Les Henrie, Region 4 and Ted Bair, Region 2

Exp. Feature Title: Evaluate .086" delineator post as related to the standard of .112" thickness. Evaluate for drivability and durability and straightening

Problem Statement: There are locations in some rural areas that have a very low hit on delineator posts and an attempt with this study is to compare the specified post with the new lighter one and if the post drives as well as the specified post an attempt to warehouse the lighter post will be made. If the post is a real success then the standard drawing will be changed and taken to the standards for their approval. The lighter post will have a cost savings of \$0.30 each or \$ 1.10 compared to the cost now of \$ 1.40.

Exp. Feature Objectives: 1) Install lighter weight posts in Region 4 and Region 2
2) Mark the light weight posts installed and locate them by Mile Marker
3) Access light weight posts ability to be driven with the heavier post
4) Determine if one post may be straightened easier than the other

Location: Les Henrie and Ted Bair will advise regarding the locations

Cost/Duration: Cost will be \$ 1.10 each for the new lightweight post in lieu of \$ 1.40 each.

Supplier: Jordan River Galvanizing

Schedule of Data Collection and Evaluation

Item	Personnel assigned	Due Date
Product Installation/ Control Data	Region 2 and Region 4	2005
Construction Report	Region 2 and Region 4	2005
Interim Report	Barry Sharp/Michelle Page	2005
Final Report	Michelle Page/Barry Sharp	2006
Submitted by	Barry Sharp	